

Overview of Communicative Disorders

- The profession
- Speech and language development
- Language disorders
- Articulation and phonological disorders
- Fluency (stuttering)
- Voice
- Hearing and hearing disorders
- Communicative Problems in the Elderly

Overview of Communicative Disorders 1

The profession

- How to become a speech-language pathology or audiologist
 - Complete an undergraduate program in commdis
 - Complete a two year masters program in commdis
 - Successfully complete a clinical fellowship year
 - Pass a national certification examination (Praxis)
 - Obtain a DPI or audiology license
 - Get a job

Overview of Communicative Disorders 2

Specifics on the UWW Commdis major

- Declare yourself a comdis major. See me or Laura Burno in Roseman 1011

Overview of Communicative Disorders 3

Specifics on the UWW Commdis major

- Virtually all master's programs are two years including summer school.
- Admission is competitive. Based on GPA, letter of intent, letters of recommendation, GRE (varies with school), and a possible portfolio.

*Speech-Language Pathology
Master's Programs in Wisconsin.*

- UW-Whitewater
- UW-Madison
- UW-Milwaukee
- UW-Stevens Point
- UW-Eau Claire
- UW-River Falls
- Marquette University

*Audiology Au.D. Programs in
WI, MN, and IL.*

- UW-Madison / UW-Stevens Point
- University of Minnesota
- Northern Illinois University
- University of Illinois
- Rush University (Chicago)
- Northwestern University

Language Disorders

- Aphasia
- Delayed/disordered language

Overview of Communicative Disorders

7

Aphasia

- Normally associated with elderly adults but can occur with any person
- Usually a result of . . .
 - Stroke
 - Traumatic brain injury
 - Organ pathology (tumor)

Overview of Communicative Disorders

8

Delayed/disordered language

- Delayed
 - Language which is inappropriate for age
 - E.g., a four year old using language of a two year old
 - May be result of deprivation, cognitive disorders, maturational delay
- Disordered language
 - Uses atypical or eccentric language - inappropriate use of pronouns, plurals, excessive gesturing, etc.

Overview of Communicative Disorders

9

Articulation and Phonology

Overview of Communicative Disorders

10

Articulation

- Articulation is the ability to correctly produce speech sounds.
 - Experience
 - Training
- Articulation Disorders
 - Problems with structural problems
 - Cleft palate
 - Overbite, etc.
 - Problems with hearing
 - Neurological problems

Overview of Communicative Disorders

11

Phonology

- Has ability to produce speech but has difficulty with rules.
 - e.g., wabbit for rabbit

Overview of Communicative Disorders

12

Fluency and Stuttering

- Fluency involves the ability to fluently produce speech.
- What can affect fluency?
 - Cluttering
 - Use of interjections, fillers, etc.
 - Stuttering (most serious)
 - Disrupted speech, characterized by prolongations, hesitations, and blockages.

Overview of Communicative Disorders

13

Voice

- Involves larynx and vocal folds
- Disorders
 - Loudness disorders
 - Pitch disorders
 - Quality disorders
- Treatment
 - Medical
 - Therapy

Overview of Communicative Disorders

14

Hearing

Overview of Communicative Disorders

15

Anatomy

- Outer ear
- Middle ear
- Inner ear
- Central auditory pathways

Overview of Communicative Disorders

16

Hearing disorders

- Conductive
 - Impacted cerumen
 - Otitis media
- Sensorineural disorders
 - Age (presbycusis)
 - Noise induced hearing loss

Overview of Communicative Disorders

17

Hearing disorders

- Mixed
 - Conductive + sensorineural
 - E.g., otitis media + presbycusis
- Central loss
 - Tumors
 - Strokes

Overview of Communicative Disorders

18

Aural Rehabilitation

- Treatment of hearing loss
- Amplification & other assistive devices
- Therapy

Other topics dealing with hearing

- Deaf cultural
- Deaf education

Communicative problems associated with aging.

- Neurological problems
 - Alzheimer’s disease, aphasia, apraxia, degenerative neurological disorders, etc.
- Hearing disorders
 - presbycusis
- Voice disorders
 - Neurological, muscular, stiffening of vocal folds, etc.
- Swallowing problems


